

What is claimed is:

1. (original) A high-frequency (HF) module with a HF circuit board (1), on which at least one first antenna part (6) is located, with a housing part (2), on which at least one second antenna part (7) is located, and with a shielding cover (3), whereby the HF circuit board (1) is installed between the housing part (2) and the shielding cover (3),

wherein the HF circuit board (1) includes at least one through opening (8), the housing part (2) has at least one peg (10) which extends into the through opening (8), and the peg (10) is connected with the diametrically opposed surface (14) of the shielding cover (3).

2. (original) The HF module as recited in Claim 1, wherein the peg (10) has a stop (11), and the peg (10) extends into the through opening (8) until this stop (11) is reached.

3. (currently amended) The HF module as recited in ~~one of the Claims 1 or 2~~ Claim 1, wherein the housing part (2) is made of a plastic capable of being penetrated by laser beams, the shielding cover (3) is made of a plastic capable of being heated up by laser beams, and the housing part (2) and the shielding cover (3) are joined using laser full-penetration welding.

4. (currently amended) The HF module as recited in ~~one of the Claims 1 through 3~~ Claim 1, wherein the shielding cover (3) is joined with the HF circuit board (1) using shielding adhesive (15) or shielding dry seals.

5. (currently amended) The HF module as recited in ~~one of the Claims 1 through 4~~ Claim 1, wherein the shielding cover (3) includes at least one socket (12) which is located in the region of the through opening (8) of the HF circuit board (1) and extends, at least in its edge region (13), up to the HF circuit board

(1), and the peg (10) of the housing part (2) is connected with the socket (12) of the shielding cover (3).

6. (currently amended) The HF module as recited in ~~one of the Claims 1 through 4~~ Claim 1, wherein the shielding cover includes at least one peg-like projection, which also extends into the through opening of the circuit board, and the peg of the housing part is connected with the peg-like projection of the shielding cover.

7. (original) A method for assembling a HF module with a HF circuit board (1), on which at least one first antenna part (6) is located, with a housing part (2), on which at least one second antenna part (7) is located, and with a shielding part (3), whereby the HF circuit board (1) is installed between the housing part (2) and the shielding cover (3), wherein the HF circuit board (1) is provided with at least one through opening (8), and the housing part (2) is equipped with at least one peg (10), the HF circuit board (1) and the housing part (2) are adjusted relative to each other—and, as a result, so are the two antenna parts (6, 7)—by inserting the peg (10) into the through opening (8), and the peg (10) is connected with the diametrically opposed surface (14) of the shielding cover (3).

8. (original) The method as recited in Claim 7, wherein the peg (10) includes a stop (11), and the peg (10) is pressed into the through opening (8) until this stop (11) is reached.

9. (currently amended) The method as recited in ~~one of the Claims 7 through 8~~ Claim 7, wherein the housing part (2) is made of a plastic capable of being penetrated by laser beams, the shielding cover (3) is made of a plastic capable of being heated up by laser beams, and the housing part (2) and the shielding cover (3) are joined using laser full-penetration welding.

10. (original) The method as recited in ~~one of the Claims 7 through 9~~ Claim 7,

wherein the shielding cover (3) is connected with the HF circuit board (1) using shielding adhesive (15) or shielding dry seals.

11. (currently amended) The use of a HF module as recited in ~~one of the Claims 1 through 6~~ Claim 1 within the framework of a short range radar, in particular for motor vehicle applications.